

Marked-Up ClaimsSerial No. 09/954,788

CLAIMS

1. The method for accessing electrical components energized at voltages of about 500 volts rms and below, comprising the steps of:

(a) providing at least one tightly fittable rubber insulating glove of Class 00 meeting the ASTM Standard Specification for Rubber insulating Gloves; effective to electrically insulate a gloved hand from said electrical components said glove having inward fingertip regions;

(b) lining at least the palm region and hand back region of the interior of the glove with a non-conductive, adhesively retained flock effective to facilitate removal of the glove from the hand;

10 (c) placing said lined glove on the hand to provide a tightly fitting gloved hand;

(d) accessing said electrical components with said gloved hand; and

15 (e) periodically removing said glove from said gloved hand to cool and remove moisture from the hand and glove and thereafter replacing said glove upon said hand.

2. The method of claim 1 including the step of:

20 (f) subsequent to said step (a) roughening the external surface of said glove at said inward fingertip regions to an extent effective to facilitate the finger manipulation of small parts of said electrical components while maintaining said Class 00 ASTM Standard Specification for Rubber Insulating Gloves; effective electrical insulation.

25 3. The method of claim 2 in which said glove is roughened at said inward fingertip regions and at the palm region thereof.

30 4. The method of claim 3 in which said glove is roughened at said inward fingertip regions and at said palm region by the formation of ridges extending into its external surface.

5. The method of claim 4 in which said formation of ridges is provided as a triangular pattern.

5 6. The method of claim 1 in which said step (b) is carried out by lining at least said palm region, hand back region and the initial finger joint regions of the glove.

10 7. The method of claim 1 in which said step (b) is carried out by spraying a non-conductive adhesive born flock through the hand access opening of said glove.

8. The method for accessing electrical components energized at voltages of less than about 1000 volts rms, comprising the steps of:

15 (a) providing at least one tightly fittable rubber insulating glove of ~~Glass 0 meeting the ASTM Standard Specification for Rubber Insulating Gloves; effective to electrically insulate a gloved hand from said electrical components, said glove having inward fingertip regions;~~

20 (b) lining at least the palm region and hand back region of the interior of the glove with a non-conductive adhesively retained flock effective to facilitate removal of the glove from the hand;

(c) placing said lined glove on the hand to provide a tightly fitting gloved hand;

(d) accessing said electrical components with said tightly gloved hand; and

25 (e) periodically removing said glove from said gloved hand to cool and remove moisture from the hand and glove and thereafter replacing said glove upon said hand.

9. The method of claim 8 including the step of:

30 (f) subsequent to said step (a) roughening the external surface of said glove at the inward fingertip regions to an extent effective to facilitate the finger manipulation of small parts of said electrical components while maintaining said ~~Glass 0 ASTM Standard Specification for Rubber Insulating Gloves effective electrical insulator.~~

10. The method of claim 9 in which said glove is roughened at said inward fingertip regions and at the palm region thereof.

5 11. The method of claim 10 in which said glove is roughened at said inward fingertip regions and at said palm region by the formation of ridges extending into its external surface.

10 12. The method of claim 11 in which said formation of ridges is provided as a triangular pattern.

13. The method of claim 8 in which said step (b) is carried out by lining at least said palm region, hand back region and the initial finger joint regions of the glove.

15 14. The method of claim 8 in which said step (b) is carried out by spraying a non-conductive adhesive born flock through the hand access opening of said glove.